TRANSMITTAL LETTER Docket No. (General - Patent Pending) 21908-104806 In Re Application Of: Abbasov et al. Application No. Filing Date Examiner Customer No. **Group Art Unit** Confirmation No. 10/566,695 2/1/2006 N/A 28886 N/A Title: SELF-ADJUSTABLE JUNCTION CONNECTOR SYSTEM **COMMISSIONER FOR PATENTS:** Transmitted herewith is: Petition under 37 CFR 1.182 to Change Inventor's Name, 4 pp; Attachments 1-5. in the above identified application. □ No additional fee is required. ☐ A check in the amount of is attached. The Director is hereby authorized to charge and credit Deposit Account No. 50-1759 as described below. \boxtimes Charge the amount of \$400.00 \boxtimes Credit any overpayment. \boxtimes Charge any additional fee required. ☐ Payment by credit card. Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. 8/31/06 Dated:

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

8/3//2006

Signature of Ferson Mailing Grespondence

Linda J. Hoggarth

Typed or Printed Name of Person Mailing Correspondence

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit:

N/A

Examiner:

N/A

Applicants:

Abbasov et al.

Serial No:

10/566,695

Filing Date:

February 1, 2006

For:

SELF-ADJUSTABLE JUNCTION CONNECTOR SYSTEM

PETITION UNDER 37 C.F.R. § 1.182 TO CHANGE INVENTOR'S NAME

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

This Petition under 37 C.F.R. § 1.182 is being submitted in order to change the name of one of the joint inventors in the above-captioned United States national stage application. More specifically, the inventor Askar Abbasov desires to change his name on the application to Oscar Renautt. An executed Declaration and Power of Attorney For Patent Application is included herewith. The fee of \$400.00 for filing of this Petition, as set forth in 37 C.F.R. § 1.17(f), the fee of \$130.00 as set forth in 37 C.F.R. § 1.492(h) for the late submission of the executed oath or declaration, and the fee of \$120.00 for a one month extension of time is included herewith. The Commissioner is further authorized to charge any additional fees to Deposit Account No. 50-1759.

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The facts surrounding the inventor name change from Askar Abbasov to Mr.

Oscar Renautt in the above-captioned United States national stage application are as follows:

- 1. Joint inventors, Mssrs. Askar Abbasov and Donald Nicholas Stacey, invented a "Self-Adjustable Junction Connector System." This was the subject matter of a PCT international application having a serial number of PCT/CA2004/001425 and a filing date of July 30, 2004. The international application claims benefit of a provisional patent application having a serial number of 60/491,552 and a filing date of August 1, 2003. A copy of the international application is included at Attachment 1.
- 2. The above-captioned U.S. national stage application for the "Self-Adjustable Junction Connector System" having a serial number 10/566,695 was filed on February 1, 2006. The above-captioned U.S. national stage application claims priority to the above-referenced international application.
- 3. A Declaration and Power of Attorney For Patent Application (hereinafter referred to as the "Declaration") was filed on February 1, 2006 with the above-referenced national stage application. The Declaration indicated the first named inventor as Askar Abbasov and his citizenship as Uzbekistan. A copy of the unexecuted Declaration is included at Attachment 2.
- 4. A Notification of Missing Requirements Under 35 U.S.C. § 371 was mailed to the undersigned on June 12, 2006 indicating that the oath or declaration is unsigned (see Attachment 3).

- 5. As part of his naturalization process, Mr. Abbasov petitioned the U.S. District Court Eastern District Of Michigan to change his name from Askar Rinatovich Abbasov to Oscar Nicolas Renautt. A certified copy of the court order granting the petition to change name is included at Attachment 4.
- 6. The undersigned prepared a new Declaration and Power of Attorney For Patent Application. The new Declaration indicates the first named inventor as Oscar Renautt and his citizenship as American. Mr. Stacey executed the New Declaration on July 11, 2006. Mr. Renautt executed the New Declaration on July 12, 2006. A copy of the executed Declaration is included at Attachment 5.

Applicants respectfully submit that all of the requirements for the Petition to Change Inventor's Name under 37 C.F.R. § 1.182 have been met. More specifically, Applicants have provided (1) a certified copy of the court order granting the name change from Askar Abbasov to Oscar Renautt; and (2) the petition fee of \$400 as required by 37 C.F.R. § 1.17(f).

Applicants respectfully request that an updated filing receipt be sent to the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this Petition is directed.

Respectfully submitted,

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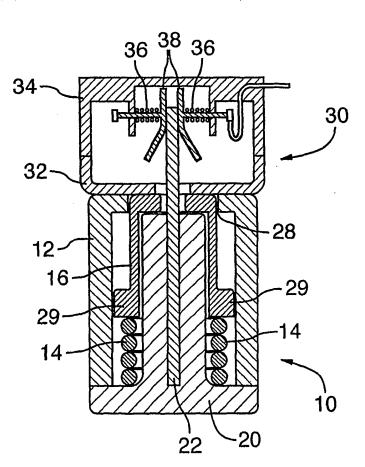
- (71) Applicant (for all designated States except US): INTER AUTOMOTIVE CLOSURES INC. [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ABBASOV, Askar [UZ/US]; 31020 Floralview Drive, Apartment 14-204, Farmington Hills, MI 48331 (US). STACEY, Donald,

Nicholas [US/US]; 6890 Renshaw, West Bloomfield, MI 48323 (US).

- (74) Agents: IMAI, Jeffrey, T. et al.; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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(54) Title: SELF-ADJUSTABLE JUNCTION CONNECTOR SYSTEM



(57) Abstract: An electrical connector comprising a male housing and a female housing and electrical contacts extending therebetween when the male housing is plugged into the female housing. A shroud is reciprocatingly mounted to the male housing. When the shroud is in a retracted position, the electrical contact of the male housing is exposed to permit electrical contact with the female housing, and when the shroud is in an extended position it substantially covers the electrical contact of the male housing.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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Self-Adjustable Junction Connector System

Field of Invention

The present invention relates to a self-adjustable junction connector system which may be used on a vehicle.

Background of Invention

There are various locations on a vehicle where an electrical connection is desirable between two pieces of the vehicle, but is difficult to provide because the connection must be broken when the two pieces are separated during the normal use of the vehicle. Examples include potential electrical connections between a door or window and the frame of the vehicle.

Currently, in vehicles with a liftgate window situated on a liftgate module, providing electricity to the defrost system requires that wires must extend from the electrical system of the car to the liftgate window. These wires are sometimes located in the vicinity of the hinged area of the liftgate window. These wires can become worn and damaged from the everyday opening and closing of the window. In addition, they can be unsightly and present an obtrusion.

Another feature of liftgate windows is that is often considered unappealing is the handle attached directly onto the liftgate window in order to open it.

The problem with wires leading to the defrost system of the liftgate glass has been addressed by a junction connector of Yazaki-Toyota. However, this connector does not eliminate the need for handles to be used to open the liftgate window.

Brief Description of the Drawings

Fig. 1 is a cross-sectional view of a male portion of a connector of a preferred embodiment of the present invention, shown in the retracted and protruding positions.

Fig. 2 is a cross-sectional view of a female portion of a connector of a preferred embodiment of the present invention.

Fig. 3 is a cross-sectional view of the male portion of Fig. 1 in an engaged position with the female portion of Fig. 2.

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Detailed Description of the Preferred Embodiment

One preferred embodiment of the connector system of the present invention will now be described in detail with reference to Figs. 1 to 3.

As shown in Fig. 1, the male connector portion comprises a housing 12, a bottom opening 23 for receiving a sliding cover 16, which cover is received through top opening 28 of housing 12. Lip 29 acts as a stop to limit the outward travel of cover 16 so as to prevent sliding cover 16 from completely exiting top opening 28. Sliding cover 16 comprises receiving chamber 27, with bottom opening 25, and opening 26 at the opposite end of opening 25. Opening 25 permits receipt of terminal pin 22 into receiving chamber 27. There may also be reinforcing material 21 extending along the sides of terminal pin 22. The reinforcing material may be made, for example, from a stiff plastic or a light metal such as aluminum. Terminal pin 22 is exposed outside of opening 26 when sliding cover 16 does not protrude through opening 28. When sliding cover 16 completely protrudes through opening 28 so that lip 29 abuts against housing 12, the cover extends the outer length of terminal pin 22 to shroud the pin. Terminal pin 22 is affixed within the stem of T-shaped housing cover 20. Reinforcing material 21 may also extend along terminal pin 22 so that it is connected to or abuts against housing cover 20. A wire (not shown) may extend from the bottom of terminal pin 22 and through the reinforcement and/or housing cover to connect to an electrical source or a section of the vehicle which requires electricity. The wire may be sealed or unsealed. Housing cover 20 covers opening 23 of housing 12. The housing cover may be unsecured to the housing, or secured with fasteners such as screws. Optionally, the housing cover may snap into the housing. Spring 14 is situated between housing cover 20 and the bottom of lip 29. Spring 14 becomes compressed when sliding cover 16 is retracted

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within housing 12. Therefore, sliding cover 16 is biased to protrude through opening 28, i.e., as shown as one of the positions in Figure 1. In order to bias the sliding cover to protrude through opening 28, the spring must be at least strong enough, or have enough force, to bias the sliding cover to completely shroud terminal pin 22. When, for example, a liftgate window is in the open position and the terminals become disengaged, the sliding cover slides over the terminal pin 22 to help protect it from becoming damaged or from contacting other elements.

Housing 12, housing cover 20, and sliding cover 16 are constructed of a suitable material, such as plastic. The pin terminal 22 is made of a suitable conductive material. Optionally, it may be plated with a suitable conductive material.

As shown in Fig. 2, the female connector portion 30 comprises an upper housing 32 and lower housing 34. Upper housing 32 has opening 40 to receive terminal pin 22 of the male connector portion 10. Lower housing 34 comprises female terminals 38. Female terminals 38 may comprise upper portions 44 which are bent towards the sides of the lower housing so that female terminals 38 together generally form a Y shape. The size of opening 40 would generally not exceed the distance between upper edges 44 of female terminals 38. The width of female terminals 38 would generally be greater than the width of terminal pin 22 to accommodate movements of terminal pin 22 due to movements of the vehicle without breaking the electrical connection. Female terminals 38 are biased towards each other by springs 36. Wire 42 is connected to the female terminals at one end, and connected to a section of the vehicle which requires electricity at the other end, such as a defrost system of the liftgate window, or to a section which provides electricity.

Upper housing 32 and lower housing 34 may be constructed of a suitable material such as plastic. The female terminals 38 are made of a suitable conductive material. Optionally, they may be plated with a suitable conductive material.

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When the female connector portion connector 30 is unengaged, female terminals 38 are in touching condition and compressed by springs 36, which are loaded inside of female connector housing 30. Springs should be the same strength to insure nominal positions of the terminals. Terminals can slide in direction of the springs.

An alternative embodiment for the female connector is to have a metal plate on the bottom of the housing to supply electrical energy to the female terminals. The metal plate would be in contact with the sliding female terminals 38. This contact may be self-cleaning due to the sliding action of the female terminals 38. The metal plate would replace the need for wire 42. The metal plate would be electrically connected to a section of the vehicle which requires electricity, such as a defrost system of the liftgate window, or to a section which provides electricity.

As shown in Fig. 3, male connector portion 10 contacts female connector portion 30 through the top of housing 12 and the surface of upper housing 32. Sliding cover 16 is retractably forced into opening 28 by the interaction with the surface of upper housing 32. When the connector portions are engaged, terminal pin 22 is received between female terminals 38 in abutting electrical contact therewith. The Y-shape of the female terminals helps to guide the terminal pin 22 between the two female terminals 38 if the terminal pin 22 is off its nominal position. The nominal position would allow the male terminal pin 22 to slide between female terminals 38 without touching bent portions 44.

When in operation, female connector 30 may be located on the bottom of a liftgate glass (or any other glass or section of the vehicle, that requires defrost system or electrical connection) facing into the vehicle and male connector 10 is located on the liftgate module or other alternative mounting surfaces (sheet metal, reinforcement brackets and other) or vice-versa, if more beneficial. When the liftgate window is in a closed position, the upper housing 32 of the female connector 30 causes the retraction of sliding cover 16 to expose terminal pin 22. As it becomes exposed, terminal pin 22 enters through opening 40 and slides between female terminals 38 to create an

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electrical connection. The size of housing 12 of male connector portion 10 controls travel distance of the sliding cover, and therefore the housing 12 is generally of a size to accommodate a sliding cover that will fully shroud terminal pin 22 when the sliding cover is extended through opening 28. When engaged, the male and female connectors will move relatively to each other for certain distances due to movement of the gate relative to the body of the vehicle, when the vehicle is moving. Springs 36 allow sliding female terminals 38 of the female connector 30 to self-adjust as the vehicle is moving so that they follow the movement of terminal pin 22, thereby providing constant electrical connection. Female terminals will be manufactured within tolerable build variation as specified by the Original Engineering Manufacturer (OEM) to ensure constant connection with male terminal pin in cross car direction and other movements that a vehicle will make when in motion.

The connector can also act as a glass window flipper device. A glass flipper device may be devised by using the interaction of the surfaces of the male and female connectors which are interacting when the terminals are engaged. When the liftgate window is in the closed position, and the terminals are engaged, the closed window may be secured by an electrical or mechanical device, such as the ratchet of the glass latch. By increasing the strength or force of springs 14 of the male connector 10 so that it can push the weight of the liftgate window, the sliding cover will push the liftgate glass for a specified distance and will hold the glass in the open position, until the glass can be operated manually. Springs of a force suitable to lift a window according to this embodiment of the invention will be required. The glass window flipper device will be capable of pushing the glass outwardly to the point where the forces of the glass struts will set the glass to the fully open position. The glass flipper device may be activated by release of the glass latch or other locking mechanisms.

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We claim:

1. An electrical connector comprising:

a female housing having an electrical contact therein;

a male housing having a distal end receivable into the female housing, and having an electrical contact extending from the distal end to contact the electrical contact of the female member when the male housing is received in a closed position into the female housing; and

a shroud reciprocatingly mounted to the male member, movable between a retracted position and an extended position, wherein when in the retracted position the electrical contact of the male housing is exposed to permit said electrical contact with the contact of the female member, and when in the extended position the shroud extends to substantially cover the electrical contact of the male member.

- 15 2. The connector of claim 1, wherein the shroud is biased towards the extended position such that when the male housing is moved out of said closed position, the shroud moves into the extended position.
 - 3. An electrical connector comprising:

a first member having a distal end, and an electrical contact extending therefrom;

a second member having first and second contacts, at least one of the contacts being an electrical contact, and at least one of the contacts being movable with respect to the other and biased in a first direction theretowards; wherein the electrical contact of the first member is movable a second direction, generally orthogonal to the first, into a closed position, between the contacts of the second member by insertion therebetween, in which said movable contact is biased thereagainst and in which the electrical contacts of the members are in electrically conductive contact with each other, and the electrical contacts are free to move in a third direction orthogonal to the first and second directions with the electrical contacts of the members are in electrically conductive contact with each other.

4. The connector of claim 3, wherein said movable contact is biased toward the other by means of a spring bearing against the movable contact.

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5. An electrical connector comprising:

a pair of housing members movable with respect to each other in a first direction along a first axis to engage each other in a closed electrically conductive position;

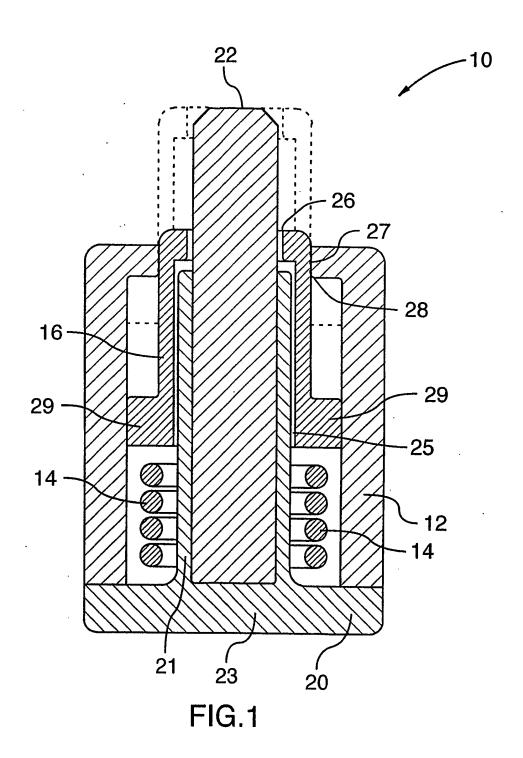
wherein, a first of the members comprises a release member mounted thereto for reciprocating movement along the axis, and biased in the first direction and in abutment with the second of housing member to force the housing members apart when released from the closed position.

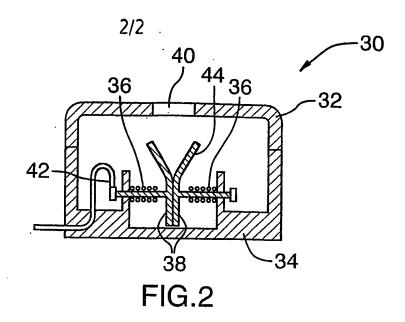
15 6. An electrical connector comprising:

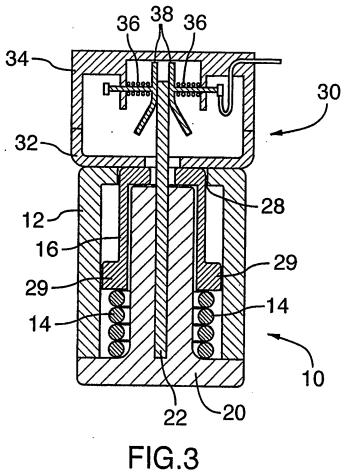
a first housing having an electrical contact;

a second housing having a distal end with an electrical contact extending therefrom to contact the electrical contact of the first housing when the first and second housings are assembled with the contacts in electrically conductive contact with each other; and

a shroud reciprocatingly mounted to the second housing, movable between a retracted position and an extended position, wherein when in the retracted position the electrical contact of the second housing is exposed to permit said conductive contact with the contact of the first housing, and when in the extended position the shroud extends to substantially cover the electrical contact of the second housing.







ABSTRACT

An electrical connector comprising a male housing and a female housing and electrical contacts extending therebetween when the male housing is plugged into the female housing. A shroud is reciprocatingly mounted to the male housing. When the shroud is in a retracted position, the electrical contact of the male housing is exposed to permit electrical contact with the female housing, and when the shroud is in an extended position it substantially covers the electrical contact of the male housing.

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Declaration and Power of Attorney For Patent Application

English Language Declaration

| Application Number PCT/CA 04/001425 and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specifical including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 (1.56, including for continuation-in-part applications; material information which became availabetween the filling date of the prior application and the national or PCT international filling date of continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f); or 365(b) of any for application (s) for patent, or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed and have also identified below, by checking the box, any foreign application for pat inventor's or plant breeder's rights certificate(s), or any PCT international application having a fidate before that of the application on which priority is claimed. | A Company of the Company | | |
|---|---|---|--|
| believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and which a patent is sought on the invention entitled. Self-Adjustable Junction Connector System | As a below named | inventor, lihereby decl | are that: |
| first and joint inventor (if plural names are listed below) of the subject matter which is claimed and which a patent is sought on the invention entitled. Self-Adjustable Junction Connector System the specification of which (check one) is attached hereto. was filed on July 30, 2004 as United States Application No. or PCT Internatio Application Number PCT/CA-04/001425 and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specifical including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 (1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any PCT International application, which designated at least one country other than the United States of America, libelow and have also identified below, by checking the box, any foreign application having a fed the before that of the application on which priority is claimed. Prior Foreign Application(s) Prior Foreign Application(s) (Country) (Country) (Day/Month/Year Filed) | My residence, post | office address and citi | zenship are as stated below next to my name, |
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| Application Number PCT/CA-04/001425 and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specifical including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 (1.56, including for continuation-in-part applications; material information which became availabetween the filing date of the prior application and the national or PCT international filing date of continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any for application(s) for patent, or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, its below and have also identified below, by checking the box, any foreign application having a formation date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Claimed (Country) (Country) (Day/Month/Year Filed) | ☐ is attached her | eto. | |
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| 60/4915552 | August 1, 2003 | |
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| (Application Serial No.) | (Filing Date) | |
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| (Application Serial No.) | (Filing Date) | |
| hereby claim the benefit under ection 365(c) of any PCT international sofar as the subject matter of elimited States or PCT international S.C. Section 112, I acknowledgoffice all information known to meetion 1.56 which became available PCT international filing date of the | itional application designating ach of the claims of this application in the manner or e the duty to disclose to the Use to be material to patentabilities between the filing date of the contents. | the United States; listed below a lication is not disclosed in the p ovided by the first paragraph of Inited States Patent and Tradem ity as defined in Title 37, C. F. |
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both; under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

41,590 Robin W. ASHER David J. SIMONELLI 36,680 Jay S. PARANJPE 45,486

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500 Woodward Avenue, Suite 3500 Detroit, Michigan 48226-3435

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Full name of sole or first inventor. Askar Abbasov Sole or first inventor's signature Residence 31020 Floralview Drive, Apartment 14-204, Farmington Hills, Michigan 48331, U.S.A. Citizenship Uzbekistan

Full name of second inventor, if any **Donald Nicholas Stacey** Second inventor's signature Date Residence 6890 Renshaw, West Bloomfield, Michigan 48323, U.S.A. Citizenship American Post Office Address Same as above



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

INTERNATIONAL APPLICATION NO.

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/566,695

Abbasov Abbasov

21908104086

PCT/CA04/01425

I.A. FILING DATE

PRIORITY DATE

07/30/2004

08/01/2003

Jay S. Paranjpe Clark Hill PLC 500 Woodward Avenue Suite 3500 Detroit, MI 48226-3435

RECEIVED

JUN 1 5 2006

CLARK HILL

CONFIRMATION NO. 9763 371 FORMALITIES LETTER *OC000000019208974*

Date Mailed: 06/12/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/01/2006
- Oath or Declaration filed on 02/01/2006
- Request for Immediate Examination filed on 02/01/2006
- U.S. Basic National Fees filed on 02/01/2006
- Priority Documents filed on 02/01/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER | IO. INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-------------------------|-----------------------------------|------------------|
| 10/566,695 | PCT/CA04/01425 | 21908104086 |

FORM PCT/DO/EO/905 (371 Formalities Notice)

| | Naturalization Ser | vice | Petit | ion for Name Change |
|-----------------------------------|-----------------------------------|-------------------|----------------------------------|------------------------------------|
| A - | U.S. DIS | | ASTERN INTRIC | CT OF MICHIGAN |
| | | (NA | AME OF COURT) | |
| as part of the n (Type or prin | aturalization prod t clearly). | ess, you have the | opportunity to legally change yo | ur name. Please complete lines 1 |
| ly full and cor | rect name (curren | t name): | | |
| | ASKAR | | RINATOVICH | ABBASOV |
| | (FIRST) | | (MIDDLE) | (LAST) |
| . Address: _ | 31020 Floralvie 1420 | , | Farmington Hills, MI | 48331 |
| | (Number/S | Street) | (City/State) | (Zip Code) |
| . Country of N | lationality: | Uzbekistan | 4. Date of Birth: | 12/11/1977 |
| | | | | (Month) (Day) (Complete Yea |
| . Alien Registr | ation Card (Gree | n Card) Number: | A 071 287 276 | |
| I certify that f law enforcem | I am not seeking : ent. | a change of name | for any unlawful purpose such as | s the avoidance of debt or evasion |
| I petition the | court to change n | y name to: | | |
| | OSCAR | | NICOLAS | RENAUTT |
| | (FIRST) | | (MIDDLE) | (LAST) |
| Date:5 | /16/2005 | ***** | ASKAN RINOGO | VICH ALLASOU |
| | | | Signature of Pet | itioner, (current name) |
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| ERTIFICATIO | N OF NAME CHA | | | |
| | N OF NAME CHA | | WAS GRANTED BY THE COU | AUG. 1 1 2005 |

IMPORTANT INFORMATION

Your copy of this petition, along with your Certificate of Naturalization, which you will receive upon taking the oath of allegiance, will verify that you elected to change your name. Your Certificate of Naturalization bears your new name as changed per Order of the Court.

Express Mail Label No.

Page 1 of 3

| Docket | No. |
|--------|-----|

Declaration and Power of Attorney For Patent Application **English Language Declaration**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original,

| which a patent is soug | (if plural names are ht on the invention (| e listed below) of the subject matter ventitled | which is claimed and for |
|--|--|--|--|
| Self-Adjustable Junction C | Connector System | | |
| | | | |
| the specification of whi | °. | | |
| | CII | | |
| (check one) | | • | |
| ☐ is attached hereto. | | | |
| was filed on July 3 | · · · · · · · · · · · · · · · · · · · | as United States Application No | or PCT International |
| Application Number | | | |
| and was amended | on | | |
| | | (if applicable) | • |
| I hereby state that I had including the claims, as | ve reviewed and ur amended by any a | nderstand the contents of the above imendment referred to above. | identified specification, |
| 1.00 mountify to COL | of the prior applica | ation which is material to patentability pplications, material information whatlon and the national or PCT interna | والمرابع ومستسمع الطهار |
| application which design below and have also | in, or plant breeder Inated at least one identified below, b der's rights certifica | nder 35 U.S.C. 119(a)-(d) or (f), or is rights certificate(s), or 365(a) of a country other than the United Staby checking the box, any foreign ate(s), or any PCT international applipriority is claimed. | any PCT International tes of America, listed |
| Prior Foreign Application | <u>n(s)</u> | | Priority Claimed |
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| O-SB-01 (9-95) (Modified) | | Poz/REVO3 Patent and Trademark D | Frank B Benamers an |

| 60/491,552 | August 1, 2003 | |
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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Robin W. ASHER

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45,486

Send Correspondence to: Mr. Robin W. Asher

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500 Woodward Avenue, Suite 3500 Detroit, Michigan 48226-3435

Direct Telephone Calls to: (name and telephone number)

Robin W. Asher Phone: (313) 965-8300

| Full name of sole or first inventor RENAUTT, Oscar | |
|---|------------|
| Sole or first invector's signature | 12 July 06 |
| Residence 31020 Floralview Drive, Apartment 14-204, Farmington Hills, Michigan 48331, U.S.A. | |
| Citizenship USA | |
| Post Office Address Same as above | |
| | |

| Sesond inventor's signature | Date / July 0 & |
|--|--------------------------------|
| Residence 6890 Renshaw, West Bloomfield, Michigan 48323, U.S.A. | |
| Citizenship USA | |
| Post Office Address Same as above | |